

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	10/816958	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/02 08:10
L2	0	ininterconnect\$3 with ((nitrogen n2) with (water vapor h20))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/02 08:11
L3	131	interconnect\$3 with ((nitrogen n2) with (water vapor h20))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/02 10:12
L4	1071	(copper cu) with ((nitrogen n2) with (water vapor h20))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/02 08:12
L5	20	3 and interconnect\$3 with (copper co)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/02 09:01
L6	23	interconnect\$3 with (cu copper) with ((nitrogen n2 ammonia) with (water h20))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/02 10:30
L7	18	interconnect\$3 with (cu copper) with (ammonia with water)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/02 10:31
S1	5402	(interconnect\$5 with (trench via opening hole damascene dual adj damascene)) with (copper 'cu')	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/15 07:38
S2	5402	S1 and (interconnect\$5 interconnection interconnecting trench via opening hole damascene dual adj damascene copper 'cu')	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/08 09:53
S3	385	S2 and (interconnect\$5 trench via opening hole damascene dual adj damascene ) with nitrogen	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/08 09:55
S4	373	S2 and (interconnect\$5 trench via opening hole damascene dual adj damascene ) with water	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/08 09:55
S5	12	S2 and (interconnect\$5 trench via opening hole damascene dual adj damascene ) with water near5 nitrogen	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/08 10:12
S7	20	S2 and (interconnect\$5 trench via opening hole damascene dual adj damascene ) with (water with nitrogen)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/08 14:15
S9	6	(interconnect\$5 with (copper 'cu')) with (water with nitrogen)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/08 16:01

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S10	803	( (copper 'cu')) with (water with nitrogen)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/08 14:21
S11	2	(interconnect\$5 near5 (copper 'cu')) with (water near5 nitrogen)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/08 14:34
S12	5402	(interconnect\$5 with (trench via opening hole damascene dual adj damascene)) with (copper 'cu')	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/08 15:01
S13	5402	S12 and (interconnect\$5 interconnection interconnecting trench via opening hole damascene dual adj damascene copper 'cu')	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/08 15:01
S14	510	S13 and (interconnect\$5 trench via opening hole damascene dual adj damascene ) with (water near5 nitrogen hydrogen 'h2')	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/08 15:04
S15	98	S14 and (interconnect\$5 trench via opening hole damascene dual adj damascene ) with (plasma near5 hydrogen )	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/08 15:05
S16	1	10/816958	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/02 08:06
S17	6039	(interconnect\$5 with (trench via opening hole recess groove damascene dual adj damascene)) with (copper 'cu')	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/15 07:39
S18	6895	(interconnect\$5 with (trench via opening hole recess groove damascene dual adj damascene)) with (copper 'cu')	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 07:39
S19	6895	S18 and (interconnect\$5 trench via opening hole recess groove damascene dual adj damascene copper 'cu')	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 07:40
S20	677	S19 and (interconnect\$5 trench via opening hole recess groove damascene dual adj damascene copper 'cu') with nitrogen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 07:41

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S21	868	S19 and (interconnect\$5 trench via opening hole recess groove damascene dual adj damascene copper 'cu') with water	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 07:41
S23	31	S19 and (interconnect\$5 trench via opening hole recess groove damascene dual adj damascene copper 'cu') with (water with nitrogen)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 07:42
S24	3926	S19 and (interconnect\$5 trench via opening hole recess groove damascene dual adj damascene copper 'cu') with (barrier diffusion) near4 (layer film)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 07:43
S25	2919	S19 and (copper 'cu') near4 (barrier diffusion) near4 (layer film)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 07:44
S26	785	S25 and (copper 'cu' barrier diffusion layer film) with nitrogen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 07:45
S27	28	S25 and (copper 'cu' barrier diffusion layer film) with (nitrogen with water)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 13:10
S28	1	10/712939	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 13:52
S29	2820	(selecting near3 areas wiht common adj substrate with switching near array with different adj sizes and "a multiple-mask process" with "the same masks"). cfm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 13:55

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S30	0	(selecting near3 areas with common adj substrate with switching near array with different adj sizes and "a multiple-mask process" with "the same masks").clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 13:55
S31	0	(selecting near3 areas with common adj substrate with switching near array with different adj sizes and "a multiple-mask process" with "the same masks").clm.	USPAT	OR	ON	2005/12/15 13:56
S32	0	(selecting near3 areas with common adj substrate with switching near array with different adj sizes).clm.	USPAT	OR	ON	2005/12/15 13:57
S33	1	(selecting near3 areas with common adj substrate with switching near array with different adj sizes).clm.	US-PGPUB	OR	ON	2005/12/15 16:16
S34	1	10/505180	US-PGPUB	OR	ON	2005/12/15 16:16